

A B S T R A C T

A microfluidic device comprising an MS-analyte presentation unit for a EDI-MS apparatus, said unit comprising an essentially planar support plate which on one side has one, two or more ports (MS-ports) comprising an area (EDI area) for presenting
5 the MS-analyte to a mass spectrometer. The EDI area comprises a layer I of conducting material. The characteristic feature of the device is that layer (I) has a conductive connection and/or that there is a calibrator area in the proximity of the MS-port.